MISSOURI BOTANICAL GARDEN
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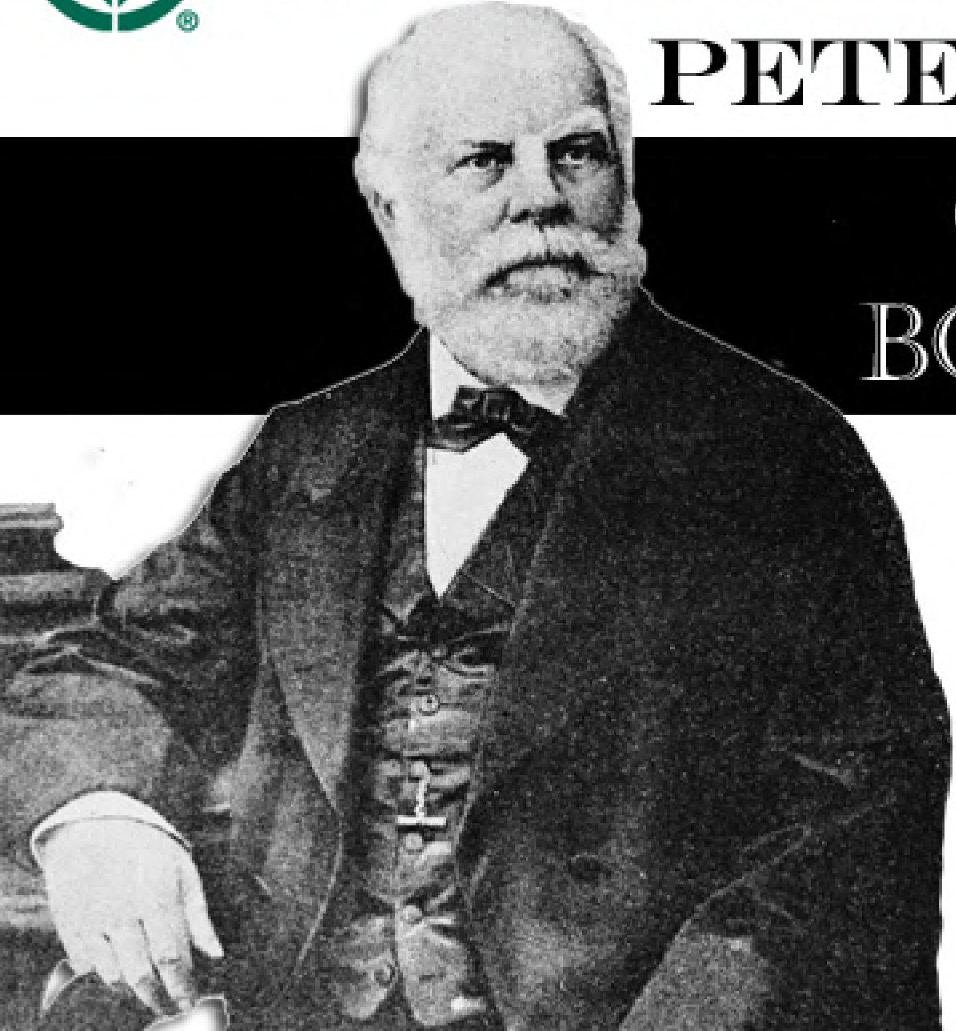

Pagination Note:
Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

71 Opuntia "albicans" H. B. Neap Jan 6 1869

a young plant, 2' high, bushy,
Joints 8–11" × 6–7" glaucous, rather
thick (about 1 inch)
areolae broadly oval, 1¼ inches apart
on edge of joint especially the upper
one with pencils of very long yellow bristles,
1/3–1/2 inch in length! — on the flat
surface of joints bristles mostly shorter
Spines 1–3, at last 5 and more
on almost all areolae, straight, white
with yellowish bases.

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2877

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33. Opuntia "grandis" H. B. Neap. Jan 1st 1869

A fine plant, 5 feet high, almost flat, fanshaped spreading upwards; very glaucous

joints 12-16 inches long, 7-12 wide, broadly oval, 1-1½ inches thick, thicker with age - scarcely tuberculated -

areolae 2-2½ inches apart, orbicular bristles few, short, on upper edge; some areolae bearing spines

Spines 1 or rarely 2 or 3 white, curved yellow at base, flat, 1 inch long

No.

No. 36 is the same plant, but joints broader, larger ones 16 by 11 inches.

2878

3. Op. "Piccolominii" Hort bot Neapol (in scuola)
Dec 25 1868

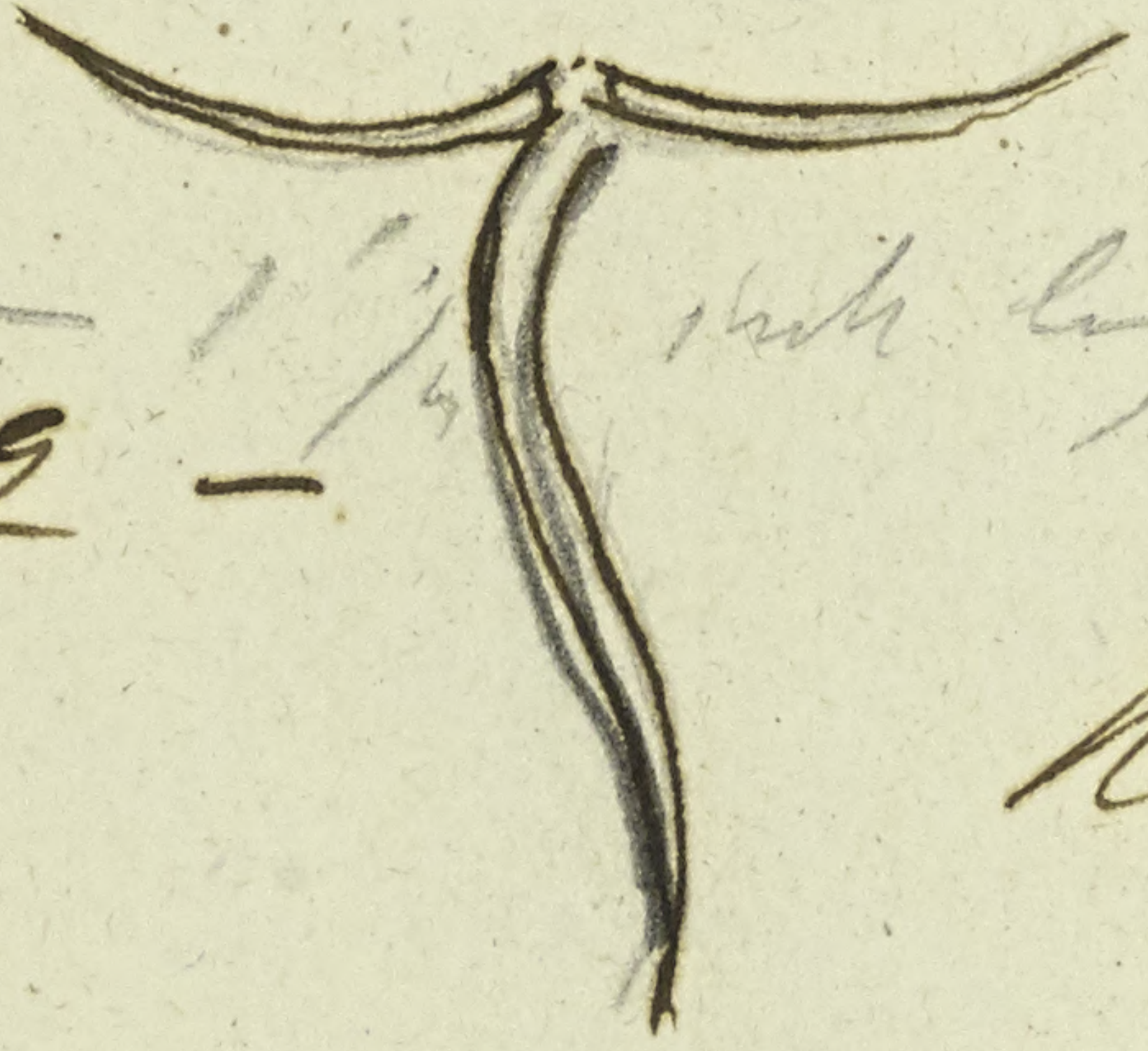
3 Piccolomini

A very vigorous plant, 5 feet high, trunk without spines

Joints orbicular-obovate quite glaucous, thick, 12–16 inches long 7–12 broad. (1 inch to 1½ above 2 below in thickness

Areolae decidedly immersed large, over 2 or 2½ lines in diameter, bristles very short; areolae 1½–2¼ inches apart, 1½–2¼ apart

Spines on lowest Areolae scarce, or none on all others white, 1–2 or often 3–5; stouter ones flat or angular, recurved or flexuous ¾–1¼ inches long –



No fl. or fr. seen.

1' above 2" below thick

2879

22. Opuntia "Piccolomini?" H B Neap. Jan 1 1869

a young plant 2½ – 3 feet high; joints 11 – 12 inches long, 9 – 10 wide and nearly 2 inches thick (older ones thicker) flat, not tuberculed; glaucous areolae 2" apart, orbicular; bristles scarcely any, upper ones ~~only~~ spine bearing. Spines 1 – 5, slender, often curved or twisted, larger ones 1 – 1½ inches long.

now an [illegible] ?

2880

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60. Opuntia "Gigas ?" H B Neap. Jan 6 1888

A small plant, scarcely 2 inches high, though not young -

Joints broadly ovate, 9" × 7", or almost circular 10" × 10" - glaucous when young? 1½ - 2 inches in thickness

areolae large, circular 1½ - 2" apart

bristles few and short,

Spines on lowest areolae none, on others 1-3-7-(12 on older ones) white with yellow base, larger ones flattened or somewhat twisted.

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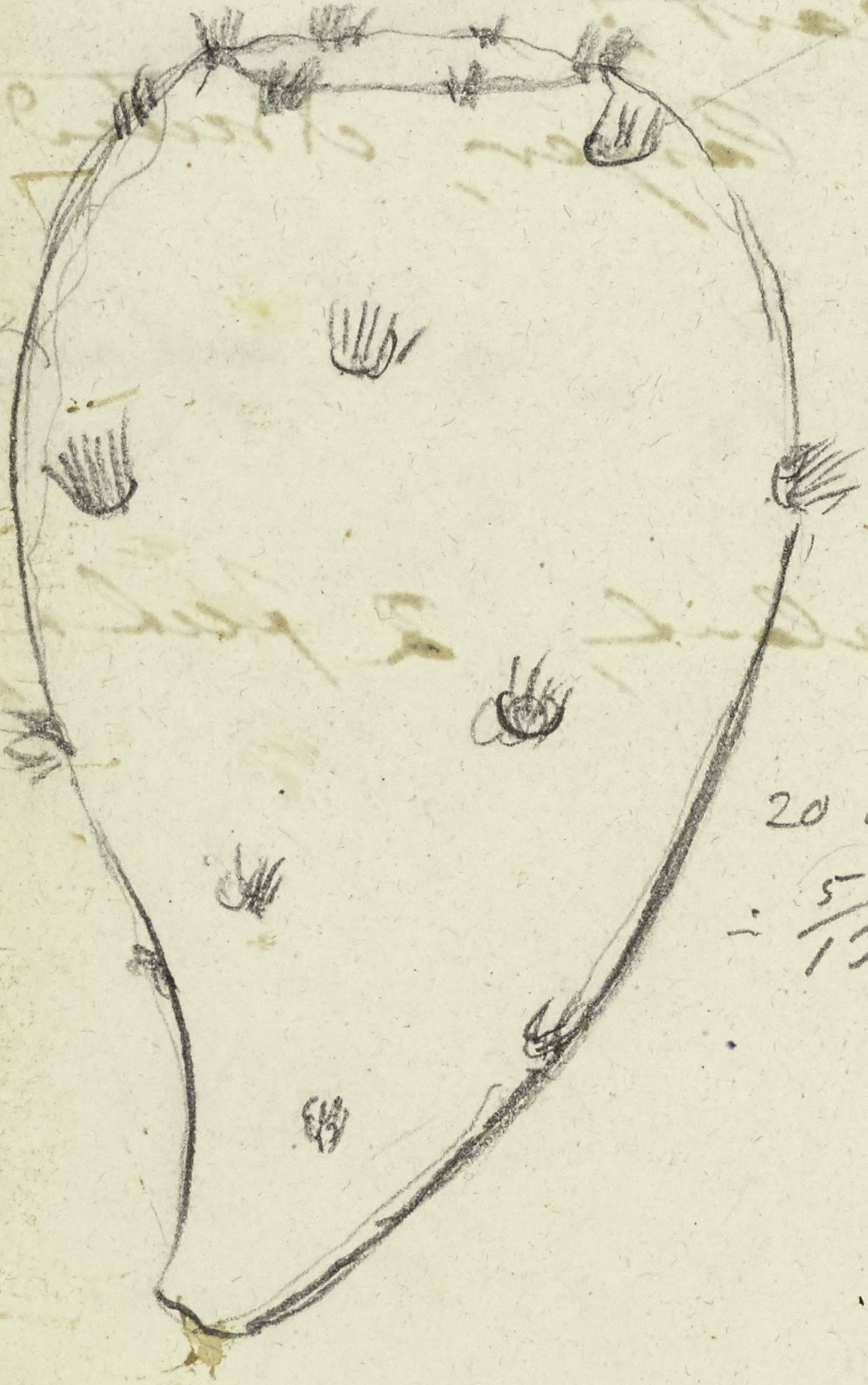
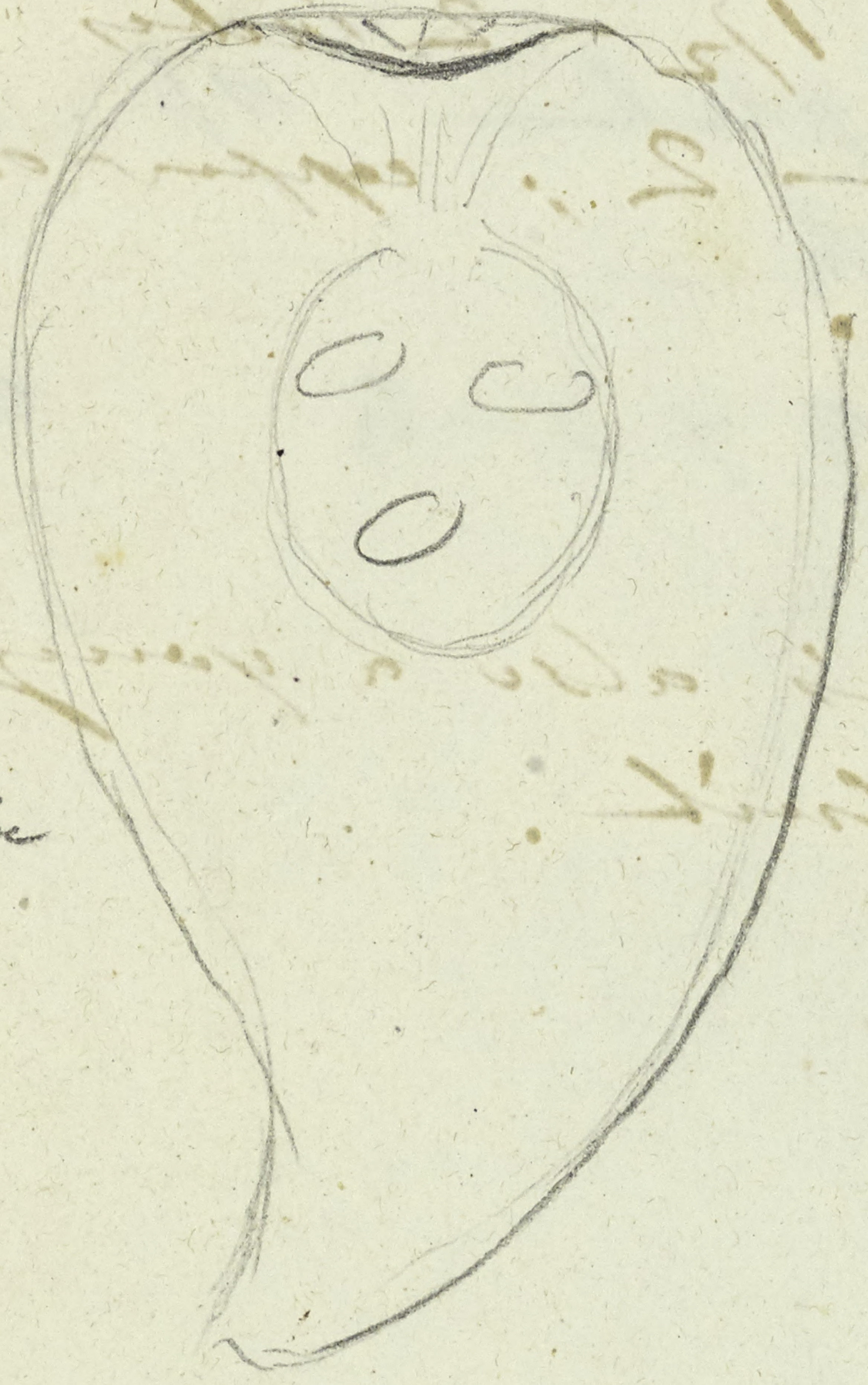
35. *Opuntia "monacantha"* H B Neapol
Dec 16 1868





berry large globose obovate, attenuate at base scarcely tuberculed, not yet ripe — bright deep shining green, with brown red tinge — pale green inside. — Umbilicus radiately marked, very slightly immersed. Areolae abt 20 in 5/13 arranged in two fruits examined; with long, fine yellow bristles Cavity of fruit subglobose, small, only 6 or 8 seeds fertile, surrounded by tough fibrous cells (hair

Correctly named; a small specimen; joints 6–9 inches long, 3–4" wide

~~correct~~

areolae 1½–2 inches apart;

~~small plant~~ sp. 1 or 2 ~~larger~~

spines 1–2; upper one larger, directed upwards.

~~brownish~~

j. 6–9 × 3–4 a ½–2" apart

No. 39 is also a young plant, 2 feet high, without fruit.

2882

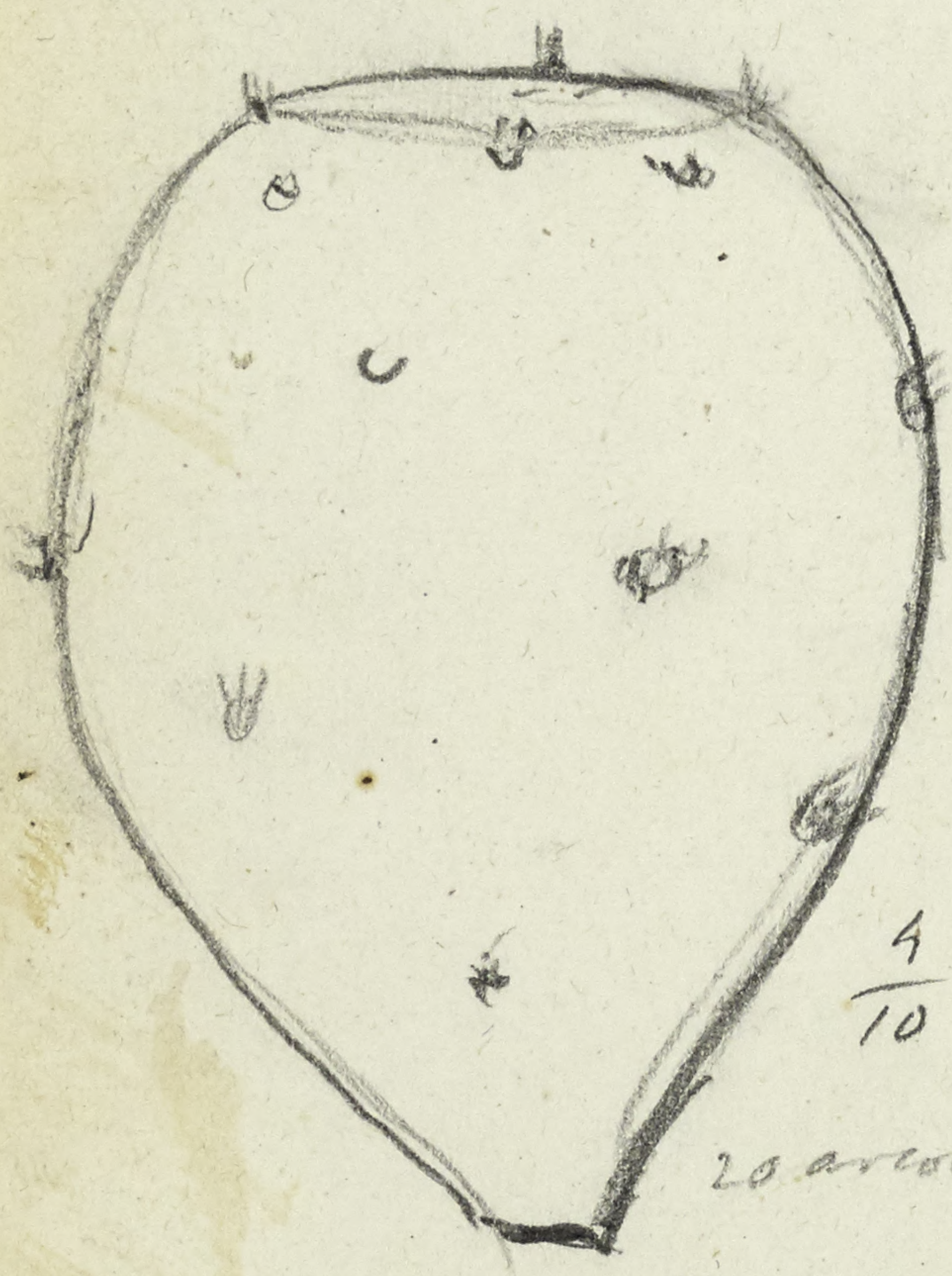
№ 9 62

62 Opuntia "vulgaris fl. albo"
[fructu?]

Hort Bot Neapol
Dec 16 1868

unripe, some begin
fruit ~~obovate~~ ripen
globose - obovate, on a
very ~~slender~~ small base
sessile - plump, without
any tubercles, whitish
yellow, same inside
about 20 areolae in
$\frac{4}{10}$ or $\frac{5}{13}$ arrangement, with
bunches of very fine yellow
bristles, numerous
germs but only 1-4
seeds (large) perfected;
seed with long tenacious
hair -
umbilicus flat, radiately
marked

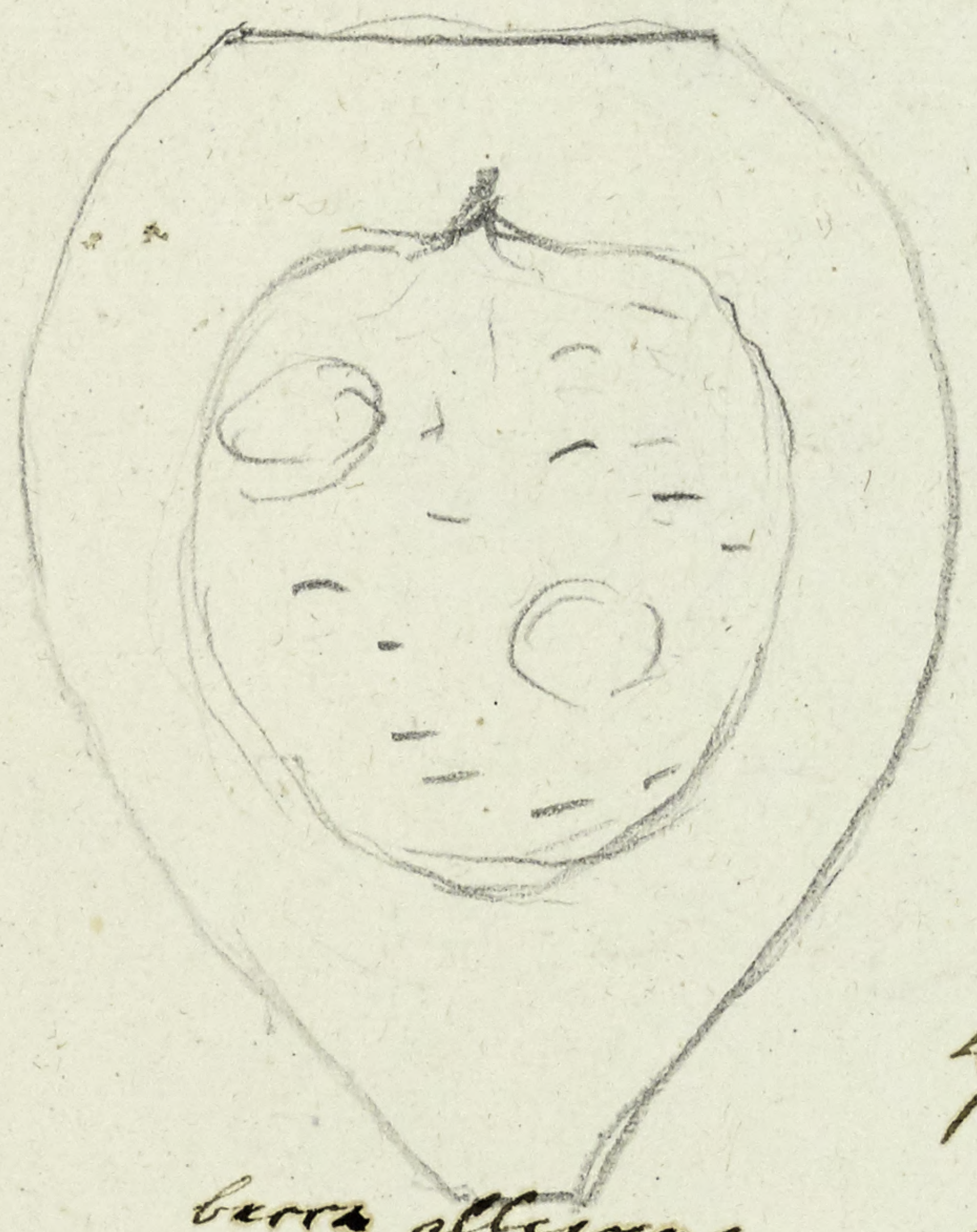
Green and sterile fruit,
more elongated, with
deeper umbilicus -
25 areolae in $\frac{5}{13}$.



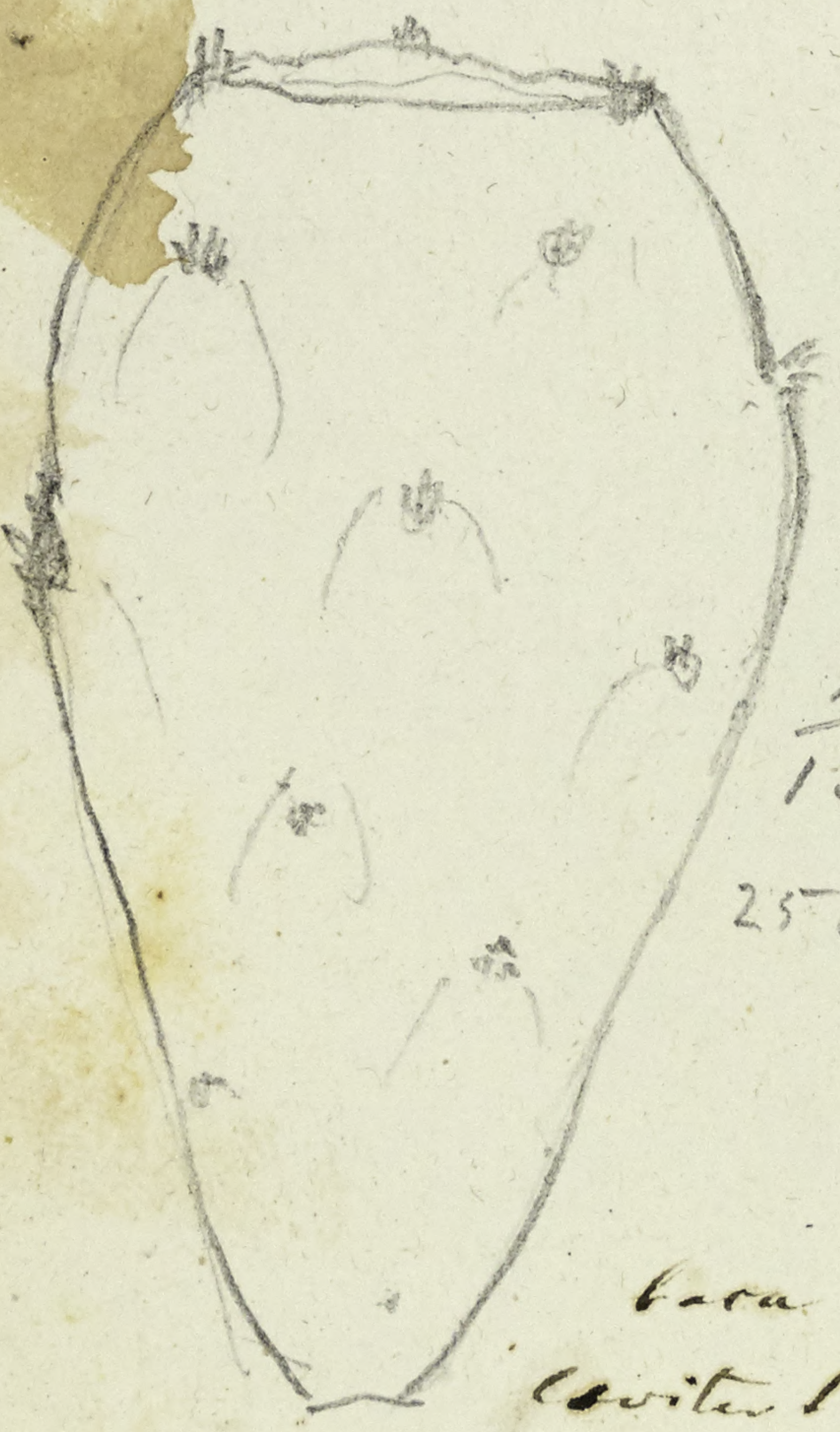
$\frac{4}{10}$

20 areolae

also $\frac{5}{13}$ 18-20 areol

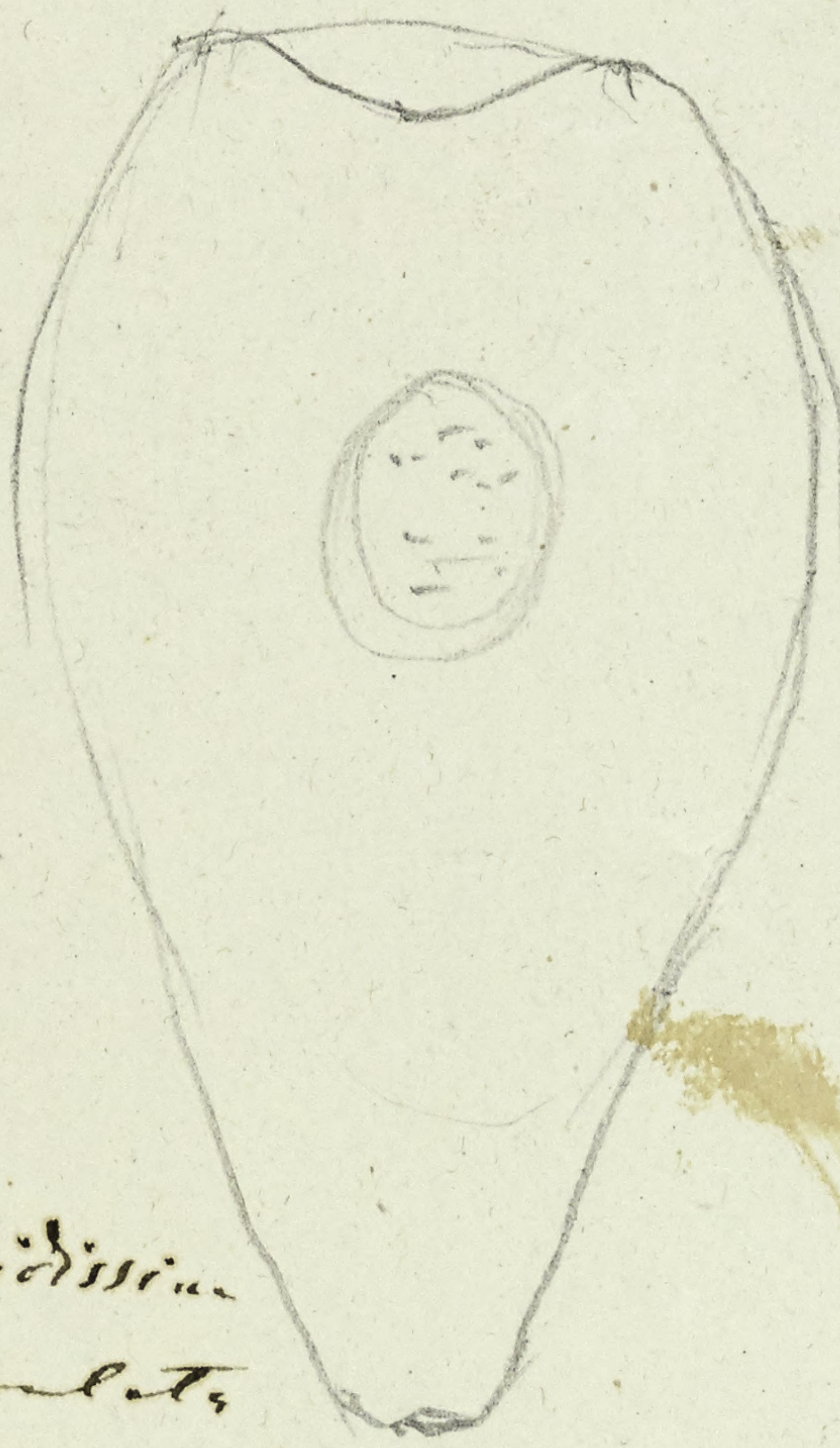


bacca albescens
laevis, vix fertilis



$\frac{5}{13}$

25 areol



bacca viridissima
leviter tuberculata
sterilis

Plant bushy, 2 feet high; on young joints mostly 2 spines, the larger one directed upward; afterwards more spines are developed.

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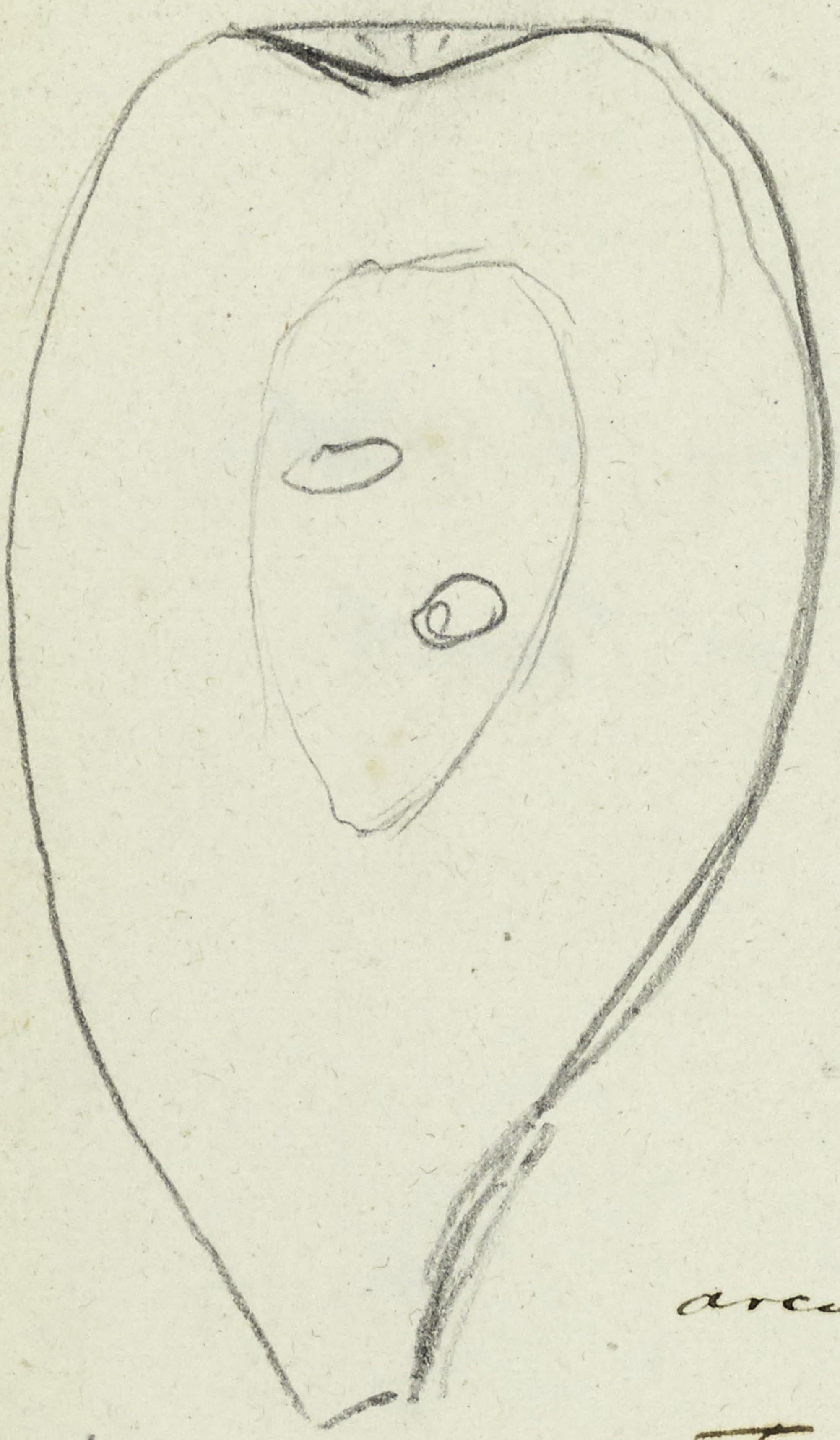
16 Opuntia "Brasiliensis" H B Neapol.

monacantha

Dec 16 1868



This is nothing but a Monacantha grown in the shade of bushes, with fewer and smaller spines; only two seeds seen in fruit in cavity of fruit obovate – One fruit nearly ripe, whitish yellow, very juicy, greenish, inside – in one only 2, in others 5 or 6 seeds

areolae in 5 4/11 or 5/13 arrangement

~~most of the~~ Fruits not yet ripe.

The tough hair of the unripe seed becomes, it seems, soft, juicy and easily detached, on the ripe one

Plant 7–8 feet high, trunk 7" wide, compressed, growth irregular, patulous Spines stout; on trunk sometimes 15–17 on one areola. – Plant like

№ 16 5 feet high deep glossy green, of rather straggling growth; joints long, some of them 2 feet long, 5 inches wide, thin, repand on margin Areolae oval, bristles very short and deciduous Spines 1 or 2 often very stout, increasing with age to 10 or 15, some of them 3 inches long.

No 26 & 27 are the same, young plants; 27 has fruit

7–8′ trunk 7″ diam, but flattish

like 16 but sp sont 15–17 sp on trunk

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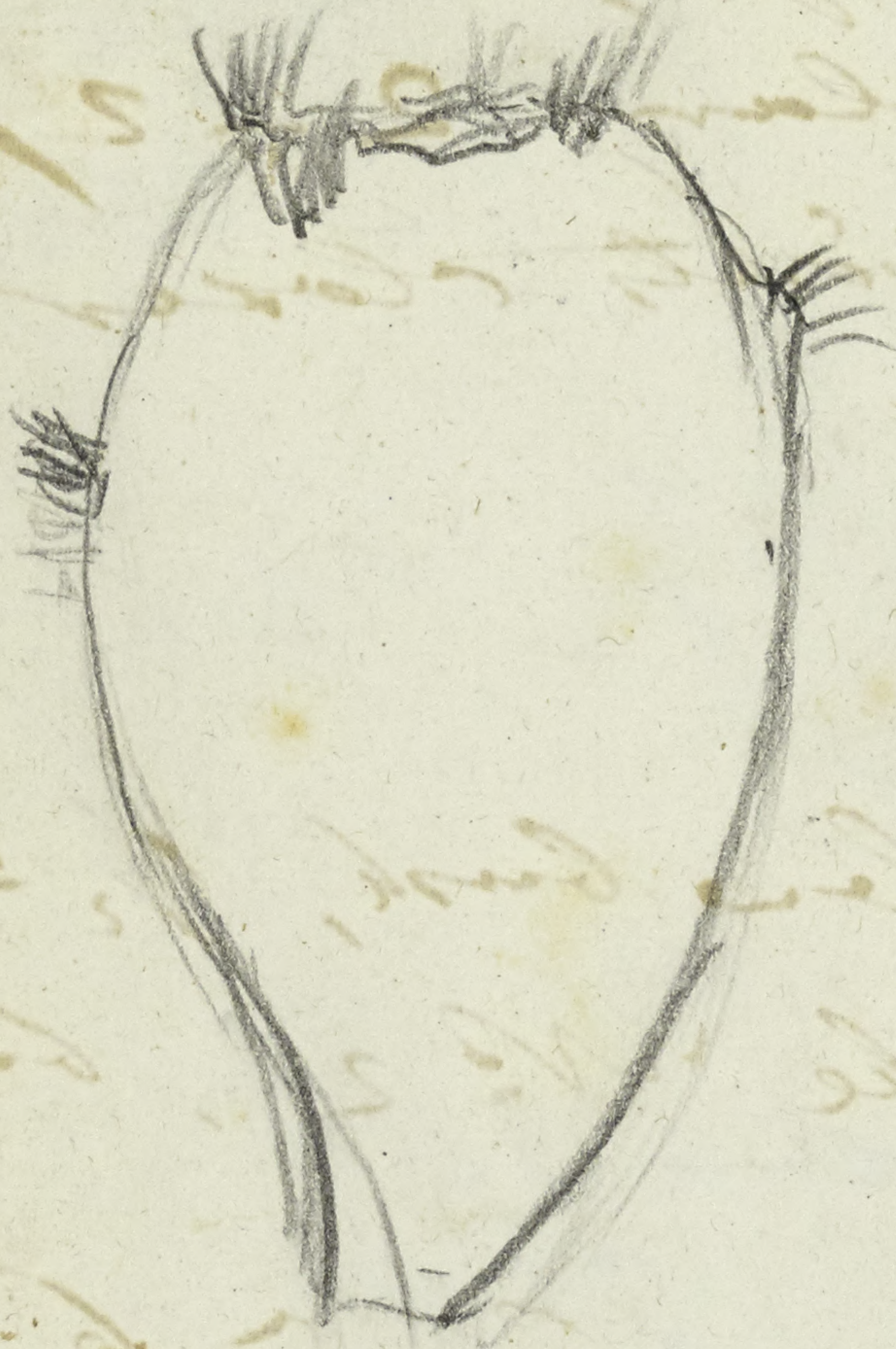
2884

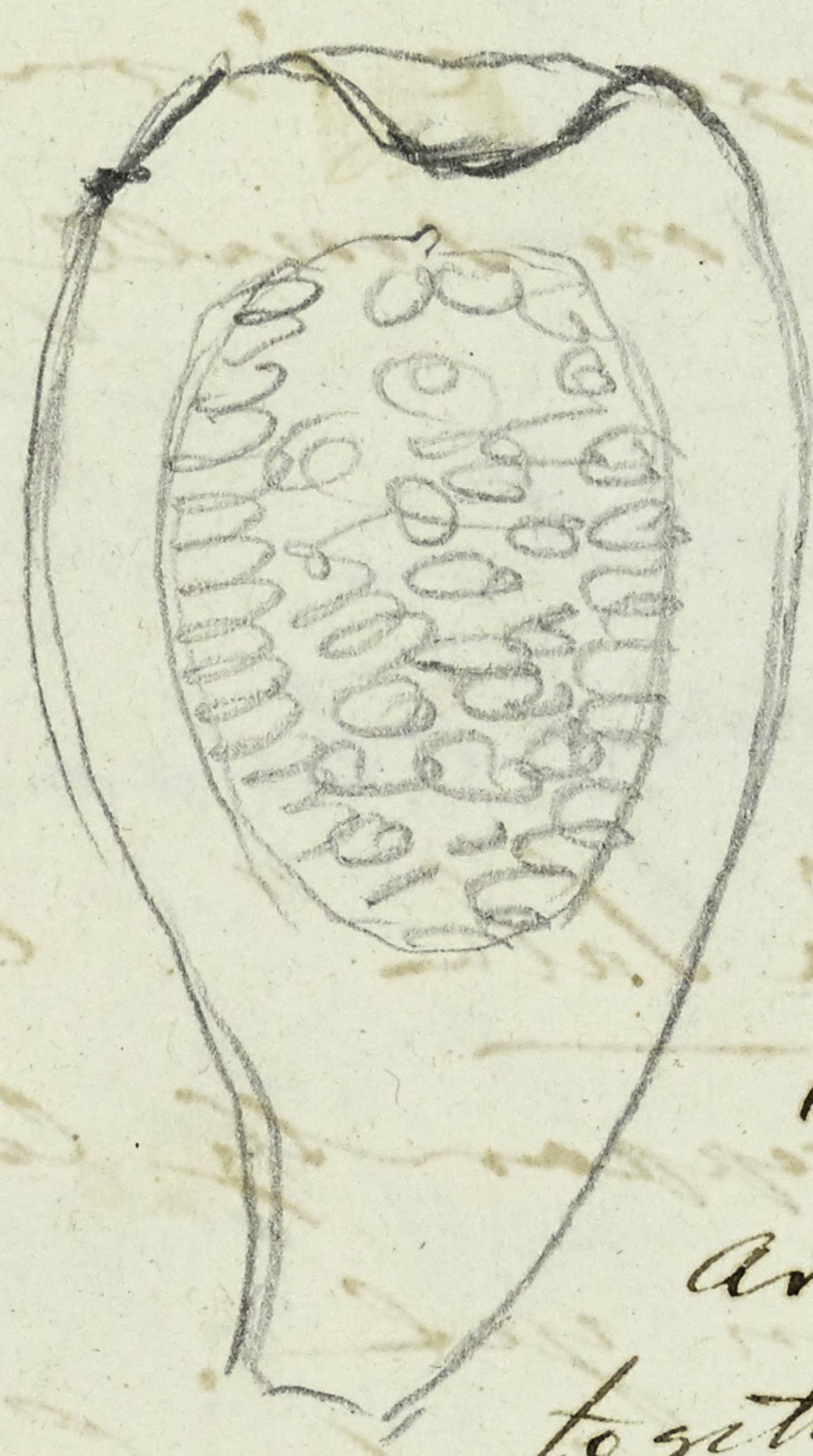
56

Opuntia "horrida" H. B. Neapol

Tuna

16 dec 1868





fruit green, not yet ripe – pulp of seeds scant already purple – seeds very numerous

Berry obovate clavate ~~not~~ tubercled, hemispherically immersed umbilicus, Areolae very few, 6–8 all together, in 3/8 arrangt, only near top of fruit, with long yellow bristles.

Spines stout yellow, 1–2 inches long, 3–8 in number. bristles long – a form of Tuna

Plant Bushy, 1½ feet high, spreading 2½ feet
Largest joints 10 inches long by 5" wide
Areolae large circular, 2–2½ inches apart, on small joints closer,

a large orbic 2–2½ apt
or smaller closer

No 46 „O. horrida Salm" low bush, 1½ high, 3 feet wide apparently like No 2, but fruit quite green yet.

Joints 7–9 inches long by 5–6 wide

Areolae orbicular 1½–2 inches apart, bristles on upper edge larger – yellow

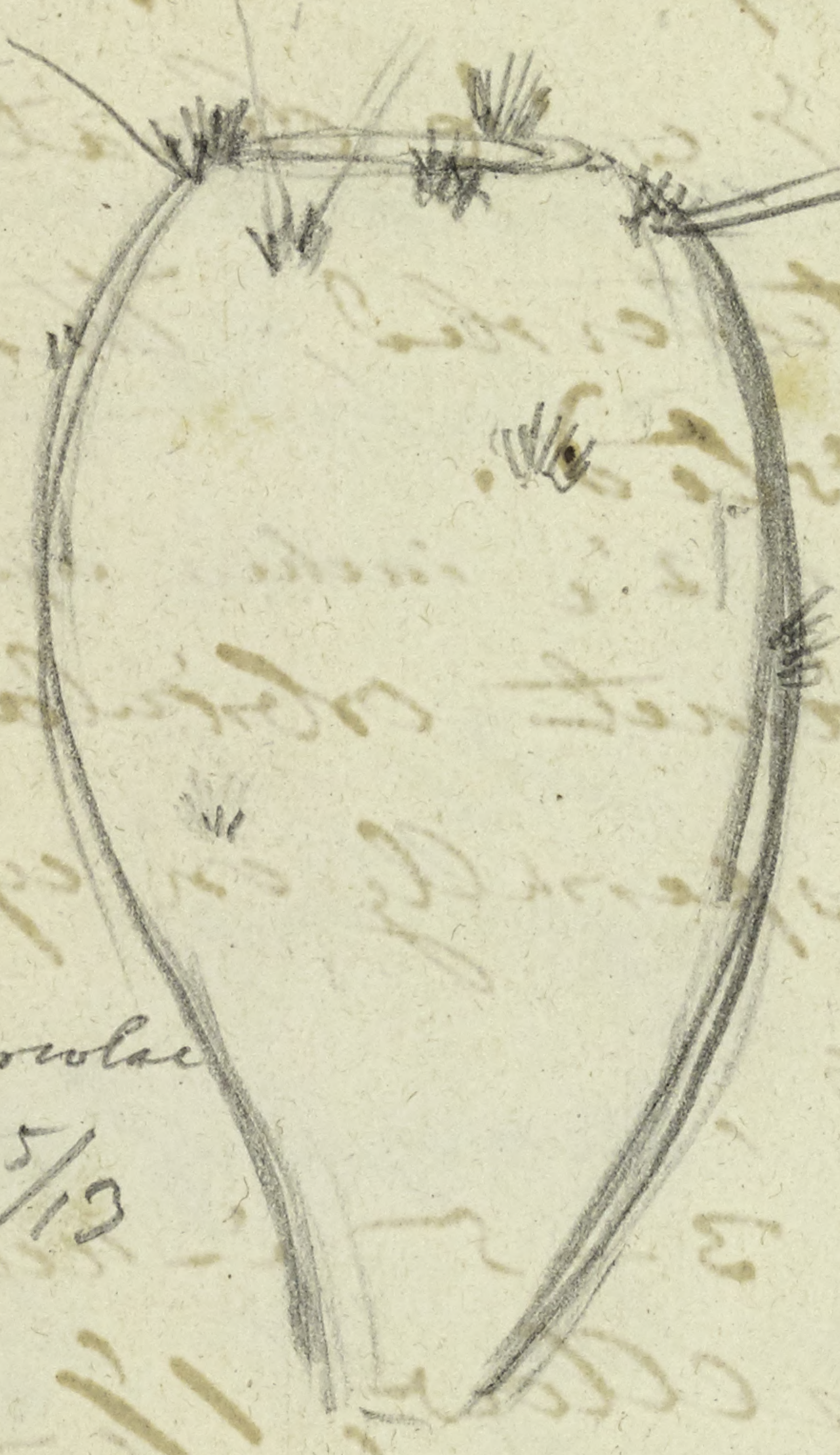
Spines – 3 to mostly 5 or 7 yellowish one or two larger stouter ones ½–2 inches long on old joints increasing to 12 or more; where bristles surround the edge of the enlarged areola.

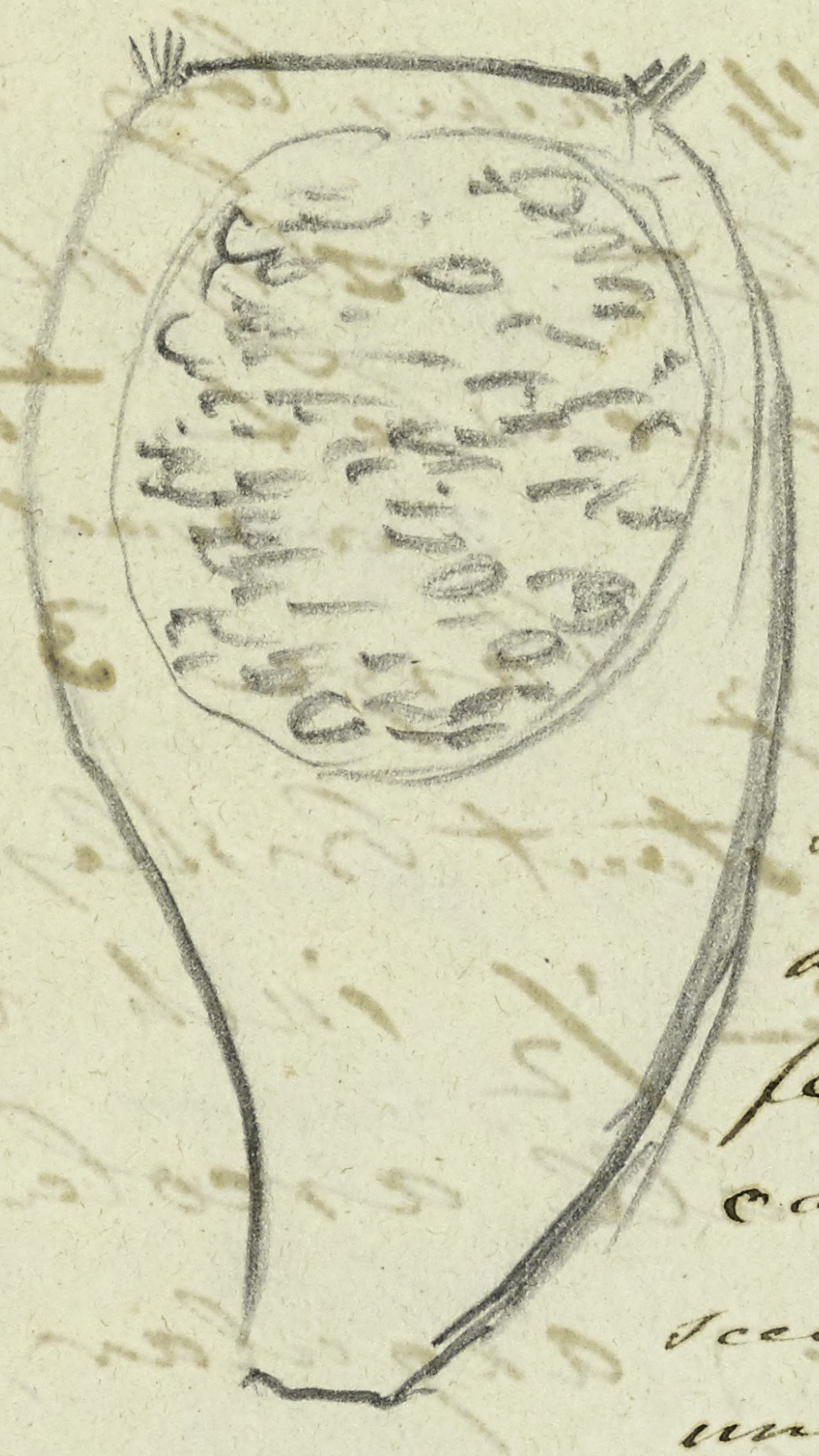
2885

2. Opuntia Dillenii, "Hort Bot Neapol. (Scuola)

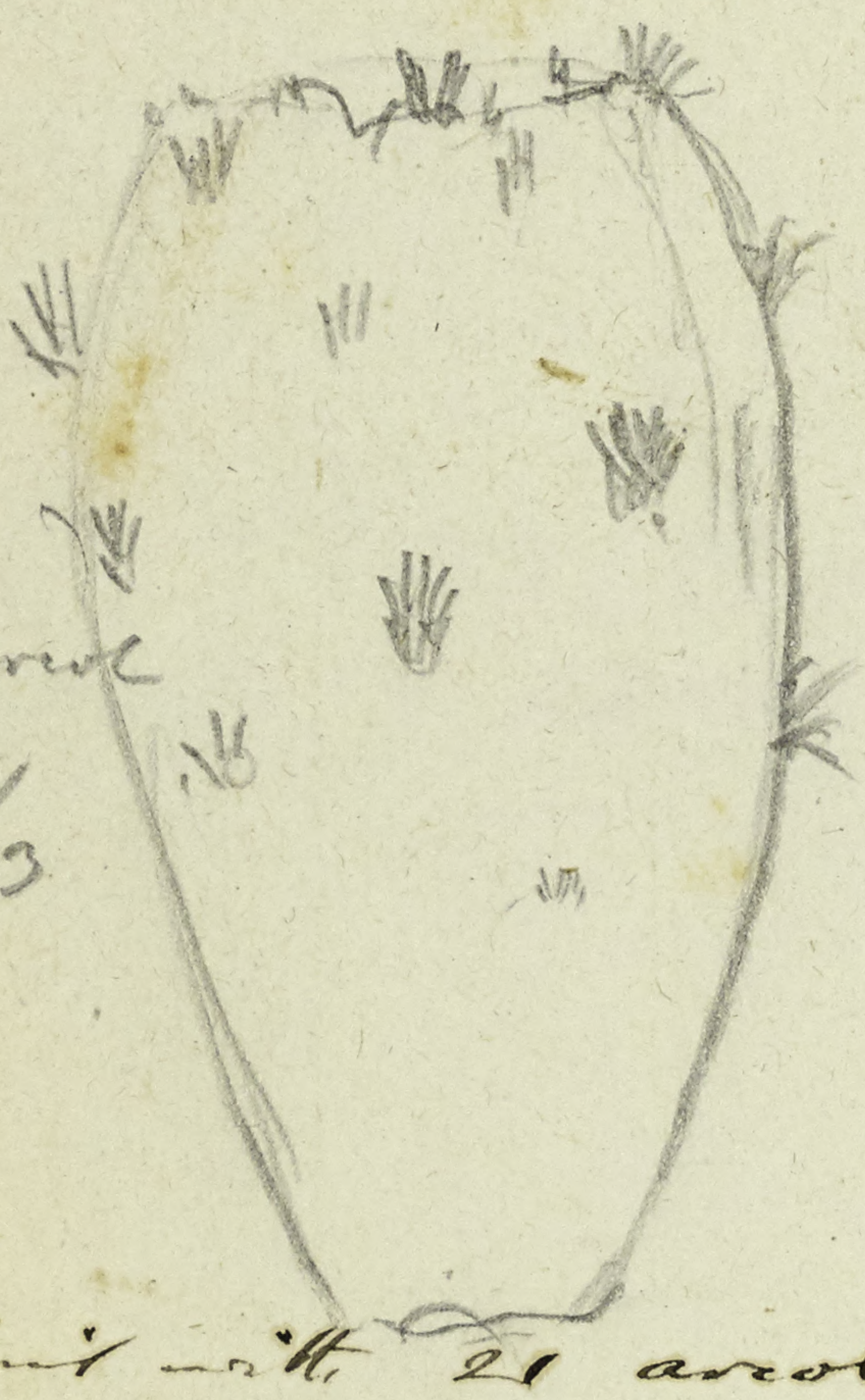
Dec 14 1868

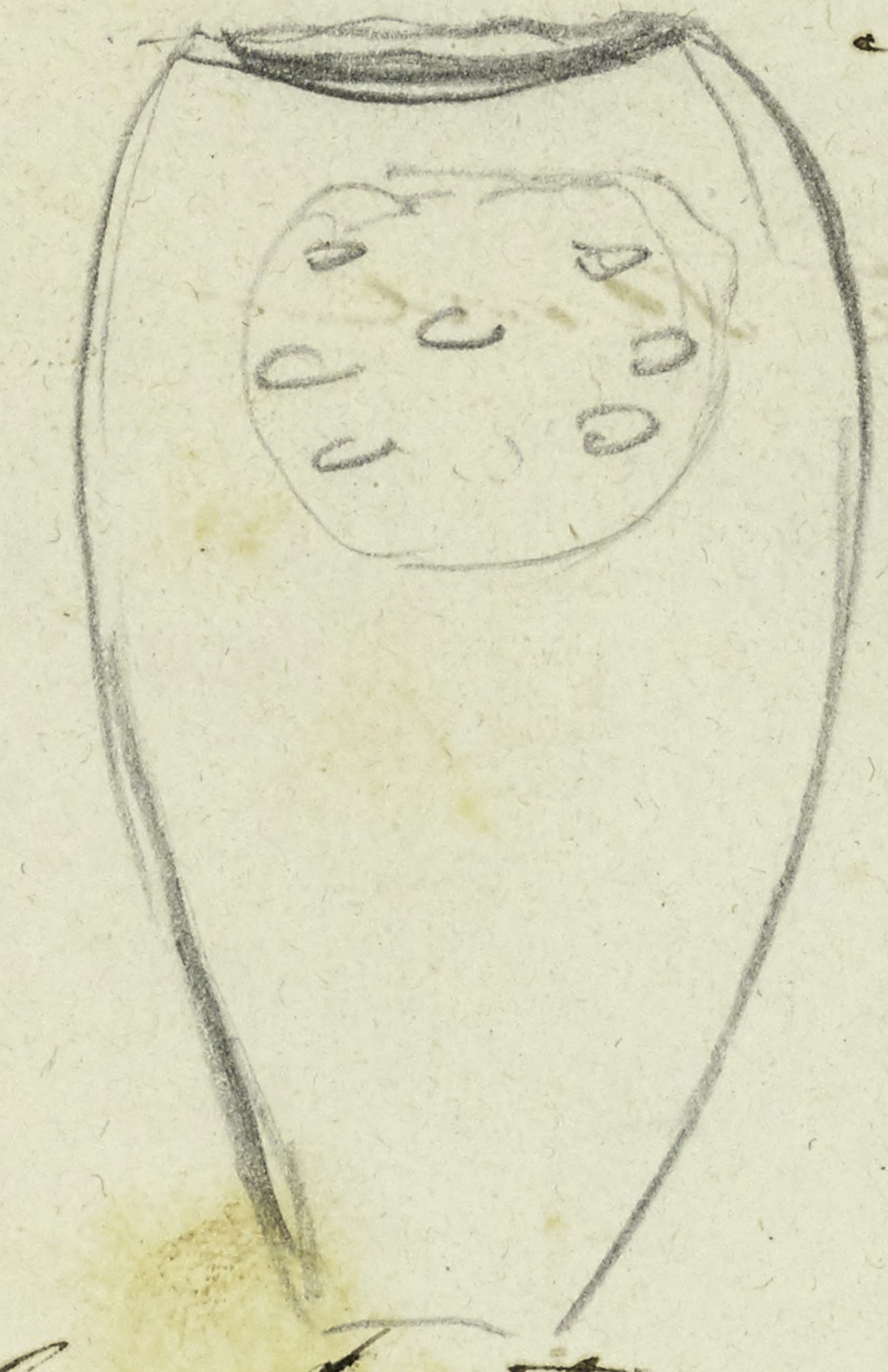
~~Seed no 6 No~~





bacca deep purple very juicy
in and outside;
clavate, with base
more or less naked,
oft oblique —
areolae few 12–15
(rarely 20) in 5/13, especially
the upper ones with
strong yellow bristles
and not rarely a
few spines —
cavity of fruit spheric,
seeds numerous
umbilicus flat, even
a little tumid — only
in the second figure
slightly depressed
(abnormal) —
in a great number
of forms seen
the umbilicus
was flat.





fruit with 21 areolae, less clavate
than usual, but almost sterile
(an abnormal form)

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A vigorous rather bushy plant, much branched from the base, 4 feet high, extremely fertile

Trunk or oldest joints spineless!

Joints 7–14 inches long 5–7 wide, obovate or oblanceolate, slightly tubercled, thin and often somewhat twisted.

Areolae very large 3''' diamet orbicular or oval, 2 or sometimes 2½ inches apart; very stout bristles especially on upper margin often ½ inch long

Spines on all areolae; 3–5 inequal (or even 6–7) angular, yellow, 1¼–1½ inches long, often somewhat twisted or curved!

No 4 is the same

a 2 or sometimes 2½ apart

2886